

Reaction of α -Vinylallenylphosphonates with Diazoalkanes

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Abstract

Diazomethane reacts with 3-methyl-1-vinyl-1,2-butadienylphosphonates following the scheme of [3 + 2]-cycloaddition at the 1,2-double bond of the allenic fragment. The reaction with diphenyldiazomethane involves the vinyl fragment and yields substituted diphenylcyclopropane.

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